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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/494,107	01/28/2000	I-Hwa Lee	AD6430 US CIP	3046

23906 7590 01/22/2003

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[REDACTED]

MULLIS, JEFFREY C

ART UNIT	PAPER NUMBER
1711	18

DATE MAILED: 01/22/2003

Please find below and/or attached an Office communication concerning this application or proceeding.

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<b>Advisory Action</b>	<b>Application No.</b>	<b>Applicant(s)</b>	
	09/494,107	LEE ET AL.	
	<b>Examiner</b>	<b>Art Unit</b>	
	Jeffrey C. Mullis	1711	

--The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

THE REPLY FILED 26 December 2002 FAILS TO PLACE THIS APPLICATION IN CONDITION FOR ALLOWANCE. Therefore, further action by the applicant is required to avoid abandonment of this application. A proper reply to a final rejection under 37 CFR 1.113 may only be either: (1) a timely filed amendment which places the application in condition for allowance; (2) a timely filed Notice of Appeal (with appeal fee); or (3) a timely filed Request for Continued Examination (RCE) in compliance with 37 CFR 1.114.

**PERIOD FOR REPLY [check either a) or b)]**

- a)  The period for reply expires 3 months from the mailing date of the final rejection.
- b)  The period for reply expires on: (1) the mailing date of this Advisory Action, or (2) the date set forth in the final rejection, whichever is later. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the mailing date of the final rejection.  
ONLY CHECK THIS BOX WHEN THE FIRST REPLY WAS FILED WITHIN TWO MONTHS OF THE FINAL REJECTION. See MPEP 706.07(f).

Extensions of time may be obtained under 37 CFR 1.136(a). The date on which the petition under 37 CFR 1.136(a) and the appropriate extension fee have been filed is the date for purposes of determining the period of extension and the corresponding amount of the fee. The appropriate extension fee under 37 CFR 1.17(a) is calculated from: (1) the expiration date of the shortened statutory period for reply originally set in the final Office action; or (2) as set forth in (b) above, if checked. Any reply received by the Office later than three months after the mailing date of the final rejection, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

1.  A Notice of Appeal was filed on \_\_\_\_\_. Appellant's Brief must be filed within the period set forth in 37 CFR 1.192(a), or any extension thereof (37 CFR 1.191(d)), to avoid dismissal of the appeal.
2.  The proposed amendment(s) will not be entered because:
  - (a)  they raise new issues that would require further consideration and/or search (see NOTE below);
  - (b)  they raise the issue of new matter (see Note below);
  - (c)  they are not deemed to place the application in better form for appeal by materially reducing or simplifying the issues for appeal; and/or
  - (d)  they present additional claims without canceling a corresponding number of finally rejected claims.

NOTE: see attachment.

3.  Applicant's reply has overcome the following rejection(s): \_\_\_\_\_.
4.  Newly proposed or amended claim(s) \_\_\_\_\_ would be allowable if submitted in a separate, timely filed amendment canceling the non-allowable claim(s).
5.  The a) affidavit, b) exhibit, or c) request for reconsideration has been considered but does NOT place the application in condition for allowance because: see attachment.
6.  The affidavit or exhibit will NOT be considered because it is not directed SOLELY to issues which were newly raised by the Examiner in the final rejection.
7.  For purposes of Appeal, the proposed amendment(s) a) will not be entered or b) will be entered and an explanation of how the new or amended claims would be rejected is provided below or appended.

The status of the claim(s) is (or will be) as follows:

Claim(s) allowed: 15.

Claim(s) objected to: none.

Claim(s) rejected: 1-14 and 16-21.

Claim(s) withdrawn from consideration: \_\_\_\_\_.

8.  The proposed drawing correction filed on \_\_\_\_\_ is a) approved or b) disapproved by the Examiner.

9.  Note the attached Information Disclosure Statement(s)( PTO-1449) Paper No(s). \_\_\_\_\_.

10.  Other: \_\_\_\_\_

Jeffrey C. Mullis  
J Mullis  
Art Unit: 1711

Art Unit 1711

ATTACHMENT TO ADVISORY ACTION

Applicants' after final amendment has not been entered and the claims are therefore not allowable.

Applicants' after final amendment has not been entered since it presents claim 22 as a new claim despite the fact that (non-elected) claim 22 was already present in the case. Also applicants request cancellation of claims 1-14 and 16-21 in their remarks rather than in the amendment section. Applicants should request cancellation of claims 1-14 and 16-21 in their amendment section. Also certain dependent claims have ranges that are broader than the claims from which they depend. For instance claim 24 recites an upper limit of "about 25" while claim 23 merely recites an upper limit of "25". Furthermore applicants have not set out support for their ranges. Applicants should point out support for the range of A+B+C in claim 23 as well as all ranges in all claims. In any case the Examiner sees no support for a range of a combination of materials of A+B+C. Applicants should also point out support for the characteristics in claim 29 and the various features of claims 27 and 28.

Applicants are also requested to submit a copy of the allowed claims in the parent case, Serial No. 08/591,330. It is noted also that non-elected claim 22 has not been cancelled.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Jeffrey

Serial No. 09/494,107

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Mullis whose telephone number is (703) 308-2820. The examiner can normally be reached on Monday-Friday from 9:30 to 6:30.

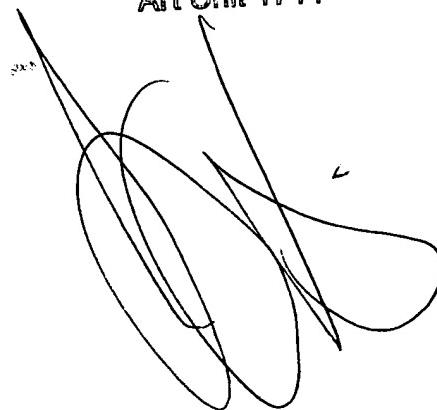
If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, James Seidleck, can be reached on (703) 308-2462. The fax phone number for this Group is before final (703) 872-9310 and after final (703) 8729311.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the Group receptionist whose telephone number is (703) 308-2351.

J. Mullis:cdc

January 17, 2003

John S. Mullis  
Primary Examiner  
Art Unit 1711

A handwritten signature in black ink, appearing to read "John S. Mullis". The signature is fluid and cursive, with a large, stylized "J" at the beginning. It is written over several overlapping loops and curves.